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Order from OTS, SLA, or ETC \$1.10 TT-63-24090

Trans. of Teploenergetika (USSR) 1962, v. 9, no. 8,
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Starting, Control systems, Steam,

Two steam turbine start-up systems are discussed. (1)
A partially isolated start-up system having special
start-up valves in the steam distribution system of the
twin-shaft turbine, which deliver steam direct into the
h.p. and i.p. turbine cylinders. The relief valve of
the main control valve acts as the start-up valve for
the ultra-high pressure cylinder. This system does not
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DESCRIPTORS: *Silicic acids, Acids, *Salts, *Gels,
Polymerization, Hydrogen ion concentration.

The rate of gelation of silicic acid is determined over
a wide pH range as shown in a graph of the relationship
between pH and the log of gelation time. The shape of
this curve, formed like a letter N, possesses both a
maximum and a minimum, irrespective of the nature
of acid used. With different acids, there is a differ-
(Chemistry--Inorganic, TT, v. 7, no. 1) (over)

61-27606

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